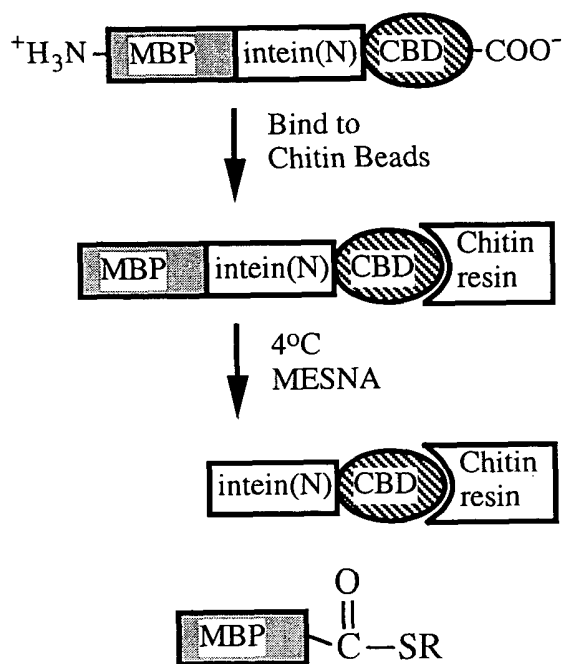
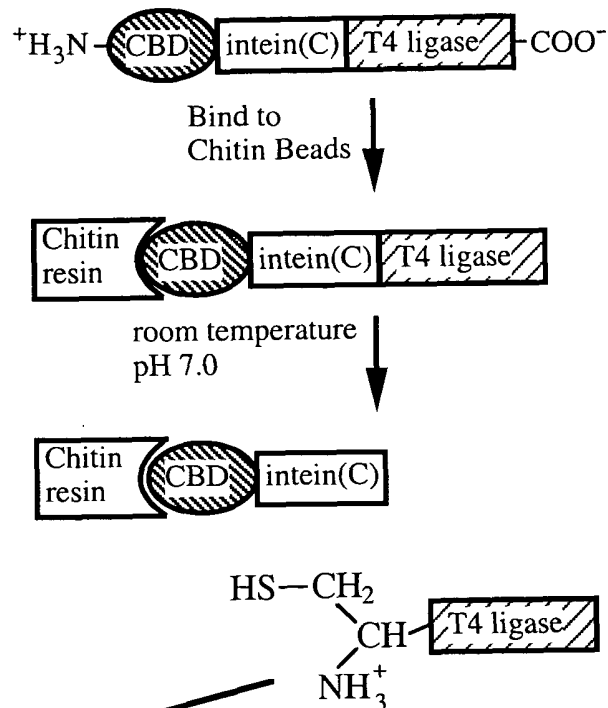


FIGURE 1

### N-Terminal Cleavage



### C-Terminal Cleavage



Isolation of proteins followed by "native chemical ligation" chemistry

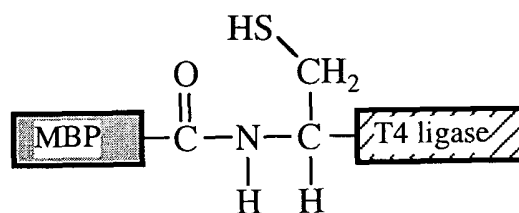


FIGURE 2 **A**

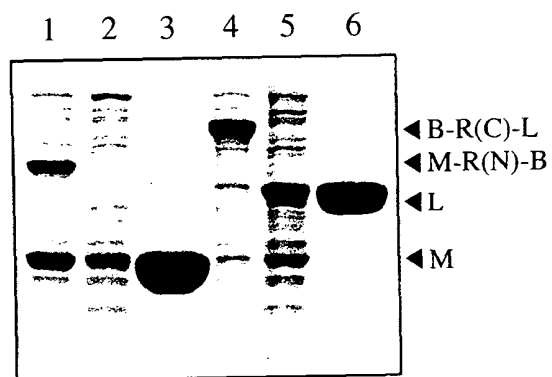


FIGURE 2 **B**

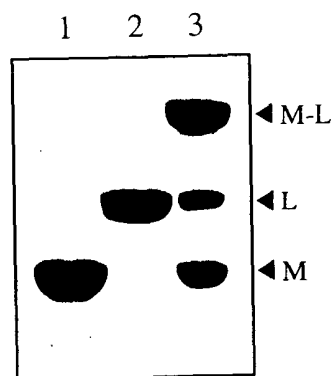


FIGURE 3

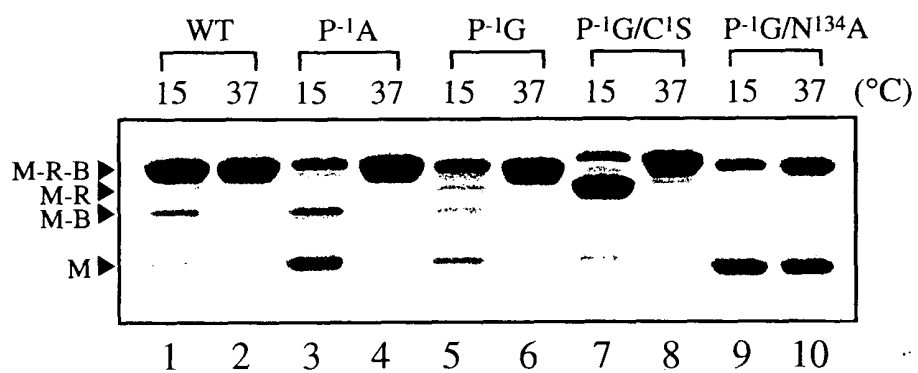


Figure 4

1 CAACTCGGGAGGATAGAGGCAACCAACCCCTGTGTATCCGGTGACACCAT 50  
 1 .....CTCGAGGCAACCAACCCCTGCGTATCCGGTGACACCAT 38  
 51 TGTAATGACATCCGGGGGTCCGCGGACAGTGGCTGAACTGGAGGGCAAGC 100  
 39 TGTAATGACTAGTGGCGGTCCGCGCACTGTGGCTGAACTGGAGGGCAAAC 88  
 101 CCTTCACCGCACTTATCAGGGGCTCAGGGTACCCCTGCCCTCAGGTTTC 150  
 89 CGTTCACCGCACTGATTGCGGGCTCTGGCTACCCATGCCCTCAGGTTTC 138  
 151 TTCAGGACCTGTGAACGGGACGTATATGATCTTAGAACCAGGGAGGGTCA 200  
 139 TTCCGCACCTGTGAACGTGACGTATATGATCTGCGTACACGTGAGGGTCA 188  
 201 TTGCTTAAGGTTGACCCATGATCACAGGGTCCTTGTAATGGATGGTGGTC 250  
 189 TTGCTTACGTTTGACCCATGATCACCGTGTCTGGTGATGGATGGTGGCC 238  
 251 TGAATGGCGTGCCGCGGTGAAC TTGAAAGGGGAGACCGCCTTGTGATG 300  
 239 TGAATGGCGTGCCGCGGTGAAC TGAACGCGGCGACCGCCTGGTGATG 288  
 301 GATGATGCTGCAGGGGAGTTTCCGGCACTTGCAACCTTCAGAGGCCTCAG 350  
 289 GATGATGCAGCTGGCGAGTTTCCGGCACTGGCAACCTTCCGTGGCCTGCG 338  
 351 GGGCGCCGGCCGCCAGGATGTC TATGACGCCACTGTCTACGGTGCCAGTG 400  
 339 TGGCGCTGGCCGCCAGGATGTTTATGACGCTACTGTTTACGGTGCTAGCG 388  
 401 CATTCACAGCCAATGGATT CATAGTCCACAAC TGTGGGGAGCAGCCACTC 450  
 389 CATTCAGTCTAATGGCTTCATTGTACACAAC TGTGGCGAGCAGCCAACC 438  
 451 CTCACCCATGAA 462  
 439 GGTGAATTC 447